

Application No. 09/821,410  
 Amndt. dated: October 10, 2005  
 Reply to Office Action mailed: August 18, 2005

**REPLY UNDER 37 CFR 1.116  
 EXPEDITED PROCEDURE  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application 09/821,410  
 Filing Date: 03/29/2001  
 Inventor(s): HAMDI, Rabah S.  
 For: .Rapid Identification of Transmission  
 Media Channel Characteristics

Confirmation No. 3679  
 Group Art Unit: 2637  
 Examiner: TSE, Young Toi  
 Attorney Docket: 200301997-1

**Mail Stop AF**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Certificate of Transmission under 37 CFR 1.8  
 I hereby certify that this correspondence is being facsimile  
 communicated to the United States Postal Service at (571) 273-  
 8300 on

October 10, 2005  
 Date

N. Rhys Merrett

**AMENDMENT UNDER 37 CFR 1.116**

Dear Sir:

This is a response to the Office Action mailed August 18, 2005. Direction of future correspondence to the address shown at the end of this paper will be appreciated.

The amendments presented reduce the number of pending claims, directly respond to and obviate all objections and grounds of rejection set forth in the Office Action to place all pending claims in condition for allowance without further search or examination effort being required. Entry of the amendment is therefore believed proper and is respectfully requested.

Please amend the application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.